



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

RECEIVED

MAY 6 2009

April 30, 2009

Air Protection Branch (34712)

Mr. James Thompson  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn (3AT23)

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hepler

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 09-0295  
ACHD Reference Number: N/A  
#2 Control Room  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler  
Plant Manager  
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 09-0295  
**ACHD Reference Number:** N/A
2. **Date & Time of Breakdown:** Date: 04/29/09 Time: 1748 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** #2 Control Room
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** The Main Regenerators were by-passed for approximately 50 to 60 seconds to allow the replacement of a solenoid. This resulted in a reduced level of coke oven gas processing at the #2 Control Room.
8. **Identification of Emissions:**
  - A. **Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)**  
Elevated H<sub>2</sub>S in the downriver and under-firing gas line systems, causing increased SO<sub>2</sub> and VOC at point of combustion.
  - B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO<sub>2</sub> is and VOC could be an eye, nose, and throat irritant.
  - C. **Amount of each type emitted (or likely to be emitted).**  
Light to moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**  
The repairs were completed.
10. **Facility back in operation -** Date: 04/29/09 Time: 1900 hours

Signature

  
Coleen M. Davis

Date

4-30-09

Senior Environmental Control Engineer Phone: 412-233-1015